

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 10873.0326USD1	Application Number: 10/037,866
	Applicant: YAMAGATA et al.	
	Filing Date: October 24, 2001	Group Art Unit: 2821



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
[Signature]	US 5,418,356	May 1995	Masahito TAKANO				
	US 5,044,706	Sept. 1991	Chungte W. CHIEN				
	US 5,949,577	Sept. 1999	Yasuji OGATA				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
[Signature]	JP 7-5358	Jan. 1995	Japan			Abstract	
	JP 8-43767	Feb. 1996	Japan			Abstract	
	JP 4-213421	Aug. 1992	Japan			Abstract	
	JP 4-142151	May 1992	Japan			Abstract	
	JP 10-73760	March 1998	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
[Signature]		Jones et al., "Hybrid diffractive-refractive lenses and achromats", Applied Optics vol. 27, No. 14, 15 July 1988, pp 2960-2971.					



EXAMINER [Signature]	DATE CONSIDERED 9/6/04
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number 10873 326USD1	Application Number Unknown
	Applicant Yamagata et al	
	Filing Date concurrent herewith	Group Art Unit Unknown

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10/24/01

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
3D	6,024,283	02/15/2000	Campanelli et al.			
	5,218,471	06/08/1993	Swanson et al			
	5,161,059	11/03/1992	Swanson et al			
	5,648,655	07/15/1997	Rostoker			
	5,629,799	05/13/1997	Maruyama et al.			
	5,581,405	12/03/1996	Meyers et al.			
	5,543,966	08/06/1996	Meyers			
2D	5,078,513	01/07/1992	Spaulding et al.			
	5,161,057	11/03/1992	Johnson			

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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
9D	WO 95/18393	07/06/1995	PCT				
	JP 10-133104	05/22/1998	JAPAN			X	
	JP 8-171052	07/02/1996	JAPAN			X	
	JP 5-135193	06/01/1993	JAPAN			X	
	JP 5-119255	05/18/1993	JAPAN			Abstract	
2D	43 23 971	02/17/1994	GERMANY			See search report	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1989	Swanson, G. et al. "Diffractive optical elements for use in infrared systems" OPTICAL ENGINEERING; Vol. 28, No. 6; June 1989, pp. 605-608.	
1982	"Diffractive grating". ACADEMIC PRESS; Chapter 2; 1982, pp. 13-55.	
1977	Sweatt, William C. "Describing holographic optical elements as lenses" J. OPT. SOC. AM ; Vol. 67, No. 6; June 1977; pp. 803-808.	

EXAMINER <i>James L. H.</i>	DATE CONSIDERED <i>9/8/01</i>
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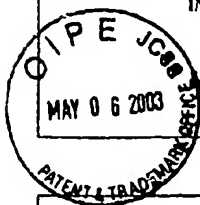
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EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
38	615 142	09/14/1994	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1995	Rossi, M. Et al: "Refractive and diffractive properties of planar micro-optical elements"; vol. 34, no. 26; 10 September 1995, pages 5996-6007, XP000523025	
1997	Yamagata, M. Et al.: "Efficiency simulation for diamond-turned diffractive lenses" 1997 6 th Microoptics Conference and 14 th Topical Meeting on Gradient Index Optical Systems; Vol. 37, no. 6B, pages 36953700, XP002112601	
1997	Yin Goujie et al.: "Diffractive efficiency of diffractive lenses and its effects on MTF", Jiguang Jishu; Jiguang Jushu, Chengdu, CHINA, vol. 21, no. 6, 1997, pages 369-371, XP002112602	

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U.S. PATENT DOCUMENTS


[illegible]

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

23		Georgia Institute Of Technology, "Diffraction Optics Work Shop", March 21-24, 1995
		Hugh D. Young, "Physics", Extended Version with Modern Physics, p 1056
		John M. Cowley, "Diffraction Physics", pp 44-46

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